

Appl. No. **TO BE ASSIGNED**

Amdt. dated January 10, 2005

Preliminary Amendment

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1 (Currently amended). A flame retardant thermoplastic resin composition comprising:

(A) 45 to 95 parts by weight of a polycarbonate resin;

(B) 1 to 50 parts by weight of a rubber modified vinyl-grafted copolymer prepared by graft-polymerizing (b₁) 5 to 95 % by weight of a monomer mixture ~~consisting of~~ comprising 50 to 95 % by weight of at least one ~~selected from the group consisting~~ of styrene, α -methylstyrene, halogen- or alkyl-substituted styrene, C₁₋₈ methacrylic acid alkyl ester, C₁₋₈ acrylic acid alkyl ester, or a mixture thereof and 5 to 50 % by weight of acrylonitrile, methacrylonitrile, C₁₋₈ methacrylic acid alkyl ester, C₁₋₈ acrylic acid alkyl ester, maleic acid anhydride, ~~and or~~ or C₁₋₄ alkyl- or phenyl N-substituted maleimide onto (b₂) 5 to 95 % by weight of a rubber polymer selected from the group consisting of butadiene rubber, acryl rubber, ethylene-propylene rubber, styrene-butadiene rubber, acrylonitrile-butadiene rubber, isoprene rubber, copolymer of ethylene-propylene-diene (EPDM), polyorganosiloxane-polyalkyl (meta)acrylate rubber complex and a mixture thereof;

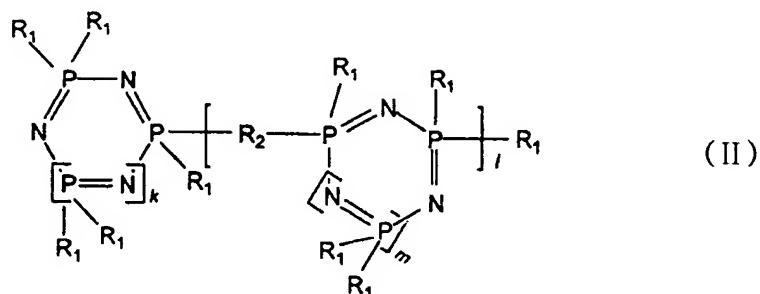
(C) 0 to 50 parts by weight of a vinyl copolymer prepared from (c₁) 40 to 95 % by weight of at least one ~~selected from the group consisting~~ of styrene, α -methyl styrene, halogen or alkyl substituted styrene, C₁₋₈ methacrylic acid alkyl ester, ~~and or~~ or C₁₋₈ acrylic acid alkyl ester and (c₂) 5 to 60 % by weight of at least one ~~selected from the group consisting~~ of acrylonitrile, methacrylonitrile, C₁₋₈ methacrylic acid alkyl ester, C₁₋₈ acrylic acid alkyl ester, maleic acid anhydride, ~~and or~~ or C₁₋₄ alkyl or phenyl N-substituted maleimide;

Appl. No. **TO BE ASSIGNED**

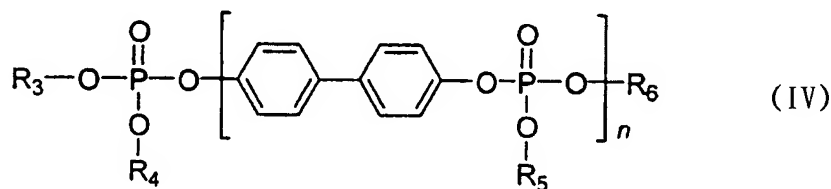
Amdt. dated January 10, 2005

Preliminary Amendment

(D) 1 ~ 30 parts by weight of a mixture of organic phosphorous compounds ~~consisting~~ of comprising (d₁) 1 ~ 50 % by weight of a cyclic oligomeric phosphazene compound represented by the following Formula (II) and (d₂) 99 ~ 50 % by weight of an oligomeric phosphoric acid ester compound represented by the following Formula (IV), per 100 parts by weight of the sum of (A), (B) and (C): and



wherein R₁ is alkyl, aryl, alkyl substituted aryl, aralkyl, alkoxy, aryloxy, amino, or hydroxyl or alkoxy substituted with alkyl, aryl, amino, or hydroxy group or aryloxy substituted with alkyl, aryl, amino, or hydroxy group ; *k* and *m* are an integer from 0 to 10; R₂ is C₆₋₃₀ dioxyaryl or alkyl substituted C₆₋₃₀ dioxyaryl derivative; and *l* is a degree of polymerization and the average value of *l* is from 0.3 to 3. ~~The alkoxy or the aryloxy can be substituted for alkyl, aryl, amino, or hydroxy group.~~



wherein R₃, R₄, R₅ and R₆ are independently a C₆₋₂₀ aryl group or an alkyl-substituted C₆₋₂₀ aryl group, respectively, and *n* is an integer from 1 to 5 representing the number of

Appl. No. **TO BE ASSIGNED**

Amdt. dated January 10, 2005

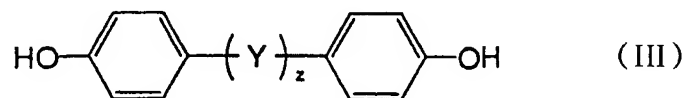
Preliminary Amendment

repeating units ~~of 1 to 5~~ and the average value of n in the oligomeric phosphoric acid ester is 1 to 3.

(E) 0.05 to 5.0 parts by weight of a fluorinated polyolefin resin ~~with average particle size of 0.05 to 1,000 μm and density of 1.2 to 2.3 g/cm^3~~ ; per 100 parts by weight of (A)+(B)+(C).

Claim 2 (Currently amended). The flame retardant thermoplastic resin composition as defined in claim 1, wherein said cyclic oligomeric phosphazene compound has a linear structure ~~or a structure with a branched chain at the main chain~~.

Claim 3 (Original). The flame retardant thermoplastic resin composition as defined in claim 1, wherein R_1 is phenoxy and R_2 is a derivative from catechol, resorcinol, hydroquinone, or the bisphenylenediol represented by the following Formula (III):



wherein Y is alkylene of C_{1-5} , alkylidene of C_{1-5} , cycloalkylidene of C_{5-6} , S or SO_2 , and z is 0 or 1.

Claim 4 (Currently amended). The flame retardant thermoplastic resin composition as defined in claim 1, wherein said R_3 , R_4 , R_5 and R_6 are ~~a~~ respectively a phenyl, or naphthyl group ~~, or substituted phenyl in which alkyl is methyl, ethyl, isopropyl, and t-butyl.~~

Appl. No. **TO BE ASSIGNED**

Amdt. dated January 10, 2005

Preliminary Amendment

Claim 5 (New). The flame retardant thermoplastic resin composition as defined in claim 1, wherein said cyclic oligomeric phosphazene compound has a structure with a branched chain at the main chain.

Claim 6 (New). The flame retardant thermoplastic resin composition as defined in claim 1, wherein said R_3 , R_4 , R_5 and R_6 are a respectively alkyl-substituted phenyl in which alkyl is methyl, ethyl, isopropyl, or t-butyl .

Claim 7 (New). The flame retardant thermoplastic resin composition as defined in claim 1, wherein said fluorinated polyolefin resin has an average particle size of 0.05 to 1,000 μm and a density of 1.2 to 2.3 g/cm^3 .